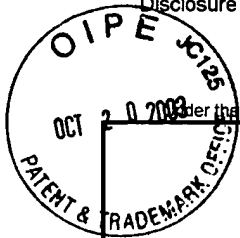


Attorney Docket No. 108298543US  
Disclosure No. 00-1035



PTO/SB/21 (05-03)  
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<b>TRANSMITTAL FORM</b> (to be used for all correspondence after initial filing)	Application Number	09/945,167	
	Filing Date	August 30, 2001	
	First Named Inventor	Ulrich C. Boettiger	
	Art Unit	2851	
	Examiner Name	David B. Esplin	
Total Number of Pages in This Submission	5*	Attorney Docket Number	108298543US

ENCLOSURES (Check all that apply)		
<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input checked="" type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s)	<input type="checkbox"/> After Allowance communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosures: Cited References (11); Return Receipt Postcard
<b>Remarks</b>		

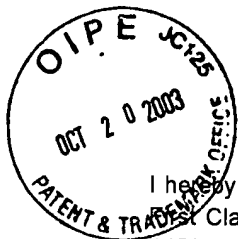
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Firm or Individual name	John M. Wechkin Registration No. 42,216
Signature	
Date	Oct. 15, 2003

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Date: October 15, 2003

By: Stephen P. Whelan  
Stephen P. Whelan

**PATENT**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

IN RE APPLICATION OF: **ULRICH C. BOETTIGER ET AL.**  
APPLICATION No.: **09/945,167**  
FILED: **AUGUST 30, 2001**  
FOR: **METHOD AND APPARATUS FOR  
IRRADIATING A MICROLITHOGRAPHIC  
SUBSTRATE**

EXAMINER: **DAVID B. ESPLIN**  
ART UNIT: **2851**  
CONF. NO: **1582**

**Supplemental Information Disclosure Statement Within Three Months  
of Application Filing or Before First Action – 37 C.F.R. § 1.97(b)**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

1. Timing of Submission

This information disclosure is being filed within three months of the filing date of this application or date of entry into the national stage of an international application or before the mailing date of a first Office action on the merits, whichever occurs last [37 C.F.R. § 1.97(b)]. The references listed on the enclosed Form PTO-1449 (modified) may be material to the examination of this application; the Examiner is requested to make them of record in the application.

2. Cited Information

☒ Copies of the following references are enclosed:

- ☒ All cited references
- ☐ References marked by asterisks
- ☐ The following:

☐ The following references are not in English. For each such reference, the undersigned has enclosed (i) a translation of the reference; (ii) a copy of

a communication from a foreign patent office or International Searching Authority citing the reference, (iii) a copy of a reference which appears to be an English-language counterpart, or (iv) an English-language abstract for the reference prepared by a third party. Applicant has not verified that the translation, English-language counterpart or third-party abstract is an accurate representation of the teachings of the non-English reference, though, and reserves the right to demonstrate otherwise.

- ☐ All cited references
- ☐ References marked by ampersands
- ☐ The following:

3. Effect of Information Disclosure Statement (37 C.F.R. § 1.97(h))

This Information Disclosure Statement is not to be construed as a representation that: (i) a search has been made; (ii) additional information material to the examination of this application does not exist; (iii) the information, protocols, results and the like reported by third parties are accurate or enabling; or (iv) the cited information is, or is considered to be, material to patentability. In addition, applicant does not admit that any enclosed item of information constitutes prior art to the subject invention and specifically reserves the right to demonstrate that any such reference is not prior art.

4. Fee Payment

No fees are believed due because this Information Disclosure Statement is being filed before the mailing date of the first Office Action.

- ☐ Applicant further submits that no fee is due in light of the following certification under 37 C.F.R. § 1.97(e) (check only one):
  - ☐ In accordance with 37 C.F.R. § 1.97(e)(1), the undersigned hereby states that each item of information submitted herewith was cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this statement; or
  - ☐ In accordance with 37 C.F.R. § 1.97(e)(2), the undersigned hereby states that no item of information submitted herewith was cited in a communication from a foreign patent office in a counterpart foreign application, or, to the knowledge of the person signing the certification after making reasonable inquiry, was known to any individual designated in 37 C.F.R. § 1.56(c), more than three months prior to the filing of this statement.

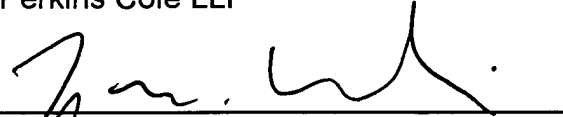
However, should the Commissioner determine that fees are due in order for this Information Disclosure Statement to be considered, the Commissioner is hereby authorized to charge such fees to Deposit Account No. 50-0665.

5. Patent Term Adjustment (37 C.F.R. § 1.704(d))

- ☐ The undersigned states that each item of information submitted herewith was cited in a communication from a foreign patent office in a counterpart application and that this communication was not received by any individual designated in 37 C.F.R. § 1.56(c) more than thirty days prior to the filing of this statement. 37 C.F.R. § 1.704(d).

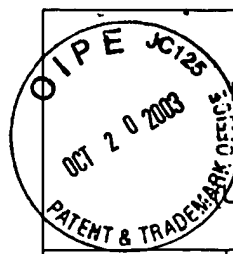
Respectfully submitted,  
Perkins Coie LLP

Date: Oct. 15, 2003

  
\_\_\_\_\_  
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(206) 359-8000



# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Form PTO-1449 (Modified)  
Use several sheets if necessary)

## COMPLETE IF KNOWN

Application Number	09/945,167
Confirmation Number	1582
Filing Date	August 30, 2001
First Named Inventor	Ulrich C. Boettiger
Group Art Unit	2851
Examiner Name	David B. Esplin
Attorney Docket No.	108298543US

Sheet 1 of 1

## U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No.	U.S. Patent or Application		Name of Patentee or Inventor of Cited Document	Date of Publication or Filing Date of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		NUMBER	Kind Code (if known)			
		5,631,721		Stanton et al.	05/20/1997	
		6,215,578	B1	Lin	04/10/2001	
		6,259,513	B1	Gallatin et al.	07/10/2001	

## FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No.	Foreign Patent or Application			Name of Patentee or Applicant of Cited Document	Date of Publication or Filing Date of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T
		Office	NUMBER	Kind Code (if known)				

## OTHER PRIOR ART-NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume issue number(s), publisher, city and/or country where published.	T
		Hamamatsu Photonics K.K., "PPM - Programmable Phase Modulator," 4 pages, September 2000, < <a href="http://www.hamamatsu.com">http://www.hamamatsu.com</a> >.	
		CRL Opto Limited, LCS2-G Datasheet, 4 pages, 2002, < <a href="http://www.crlopto.com/products/datasheets/files/LCS2-datasheet.pdf">http://www.crlopto.com/products/datasheets/files/LCS2-datasheet.pdf</a> >.	
		Boulder Nonlinear Systems, "Liquid Crystal Rotators - Ferroelectric and Nematic," 2 pages, < <a href="http://www.bnonlinear.com/papers/rotators.pdf">http://www.bnonlinear.com/papers/rotators.pdf</a> >.	
		Boulder Nonlinear Systems, "Liquid Crystal Shutters / Variable Optical Attenuators - Ferroelectric and Nematic," 2 pages, < <a href="http://www.bnonlinear.com/papers/shutters.pdf">http://www.bnonlinear.com/papers/shutters.pdf</a> >.	
		Boulder Nonlinear Systems, "512x512 Multi-level/Analog Liquid Crystal Spatial Light Modulator," 2 pages, < <a href="http://www.bnonlinear.com/papers/512SLM.pdf">http://www.bnonlinear.com/papers/512SLM.pdf</a> >.	
		Boulder Nonlinear Systems, "256x256 Multi-level/Analog Liquid Crystal Spatial Light Modulator," 2 pages, < <a href="http://www.bnonlinear.com/papers/256SLM.pdf">http://www.bnonlinear.com/papers/256SLM.pdf</a> >.	
		Digital Optics Corporation, "Pattern Generators," 1 page, 2002, retrieved from the Internet on July 30, 2003, < <a href="http://www.digitaloptics.com/products_ind.asp?pid=55">http://www.digitaloptics.com/products_ind.asp?pid=55</a> >.	
		Micro-Optics, Inc., "Polarization Maintaining Faraday Rotator (PMFR)," 1 page, retrieved from the Internet on July 30, 2003, < <a href="http://www.microopticsinc.com/PMFR.html">http://www.microopticsinc.com/PMFR.html</a> >.	

EXAMINER	DATE CONSIDERED
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\*EXAMINER: Initial if reference considered, whether or not criteria is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to application(s).